Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012417\
Data File : BF092455.D
Acq On : 25 Jan 2017 3:20
Operator : UM/SJ
Sample : I1397-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-25

Quant Time: Jan 25 04:50:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155684	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	618865	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	321311	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	511011	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	331322	20.00	ng		-0.02
86) Perylene-d12	15.63	264	309526	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	636037	63.56	ng		0.00
7) Phenol-d6	6.58	99	549577	43.12	ng		-0.01
23) Nitrobenzene-d5	7.53	82	1102937	97.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	314259	143.52	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1591244	91.58	ng		-0.01
78) Terphenyl-d14	13.11	244	1298438	104.36	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	146831	16.92	ng	#	85
25) Isophorone	7.53	82	990806	44.38	ng	#	65
27) 2,4-Dimethylphenol	7.96	122	43380	4.19	ng	#	3
32) Benzoic acid	7.96	122	43380	9.76	ng		98
49) Dimethylphthalate	9.73	163	74343	3.64	ng		98
56) 2,4-Dinitrotoluene	10.03	165	41024	7.40	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.82	198	824	5.22	ng	#	1
66) 4-Bromophenyl-phenylether	10.82	248	25285	4.90	ng	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Acq On : 25 Jan 2017 3:20
Operator : UM/SJ
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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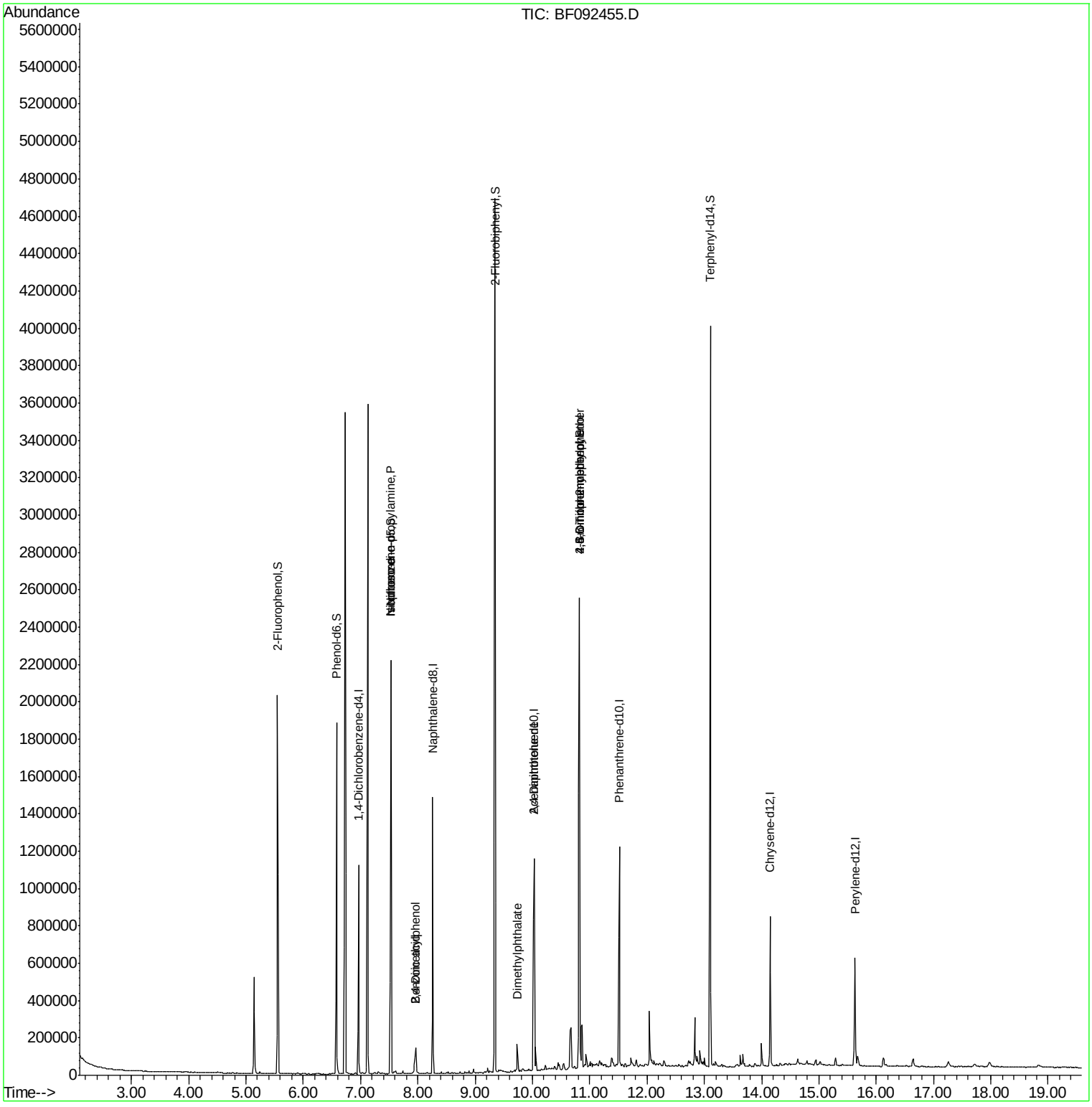
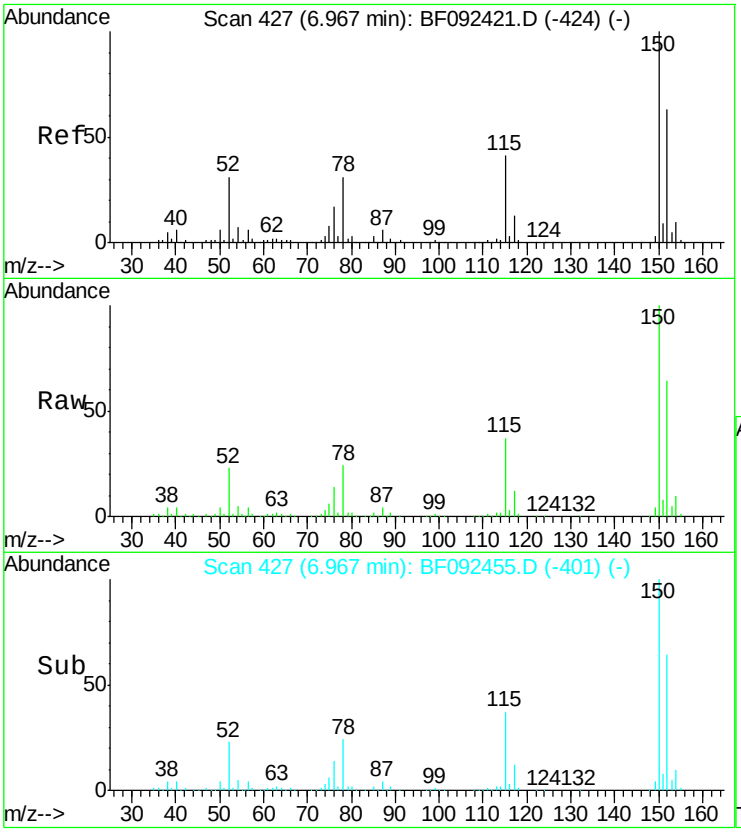


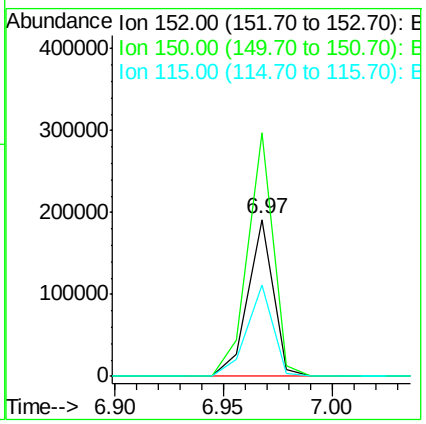


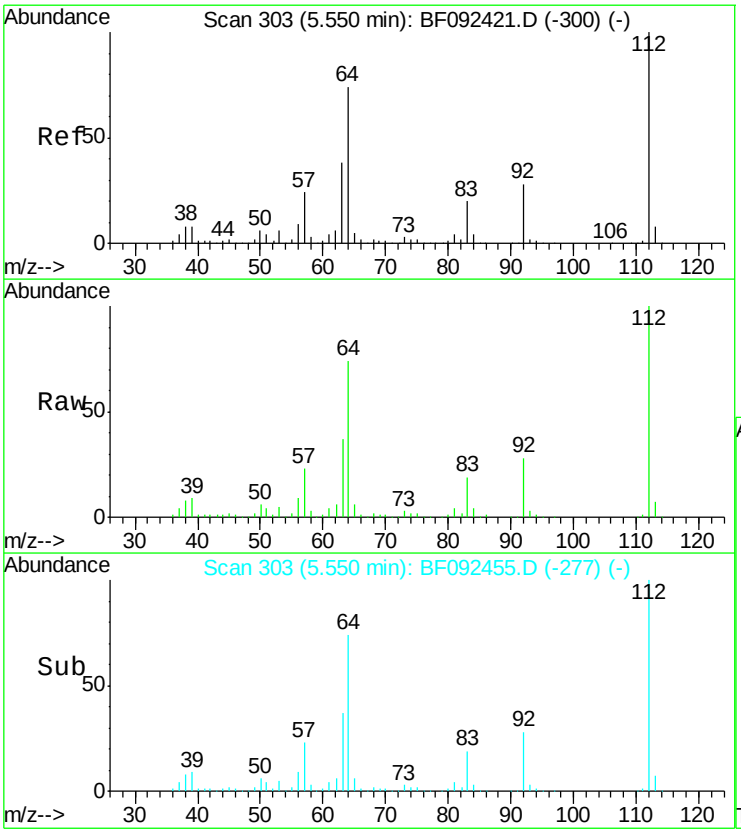
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:152 Resp: 155684

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	58.2	46.0	69.0

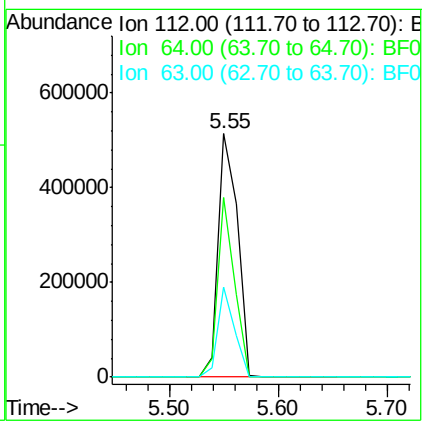


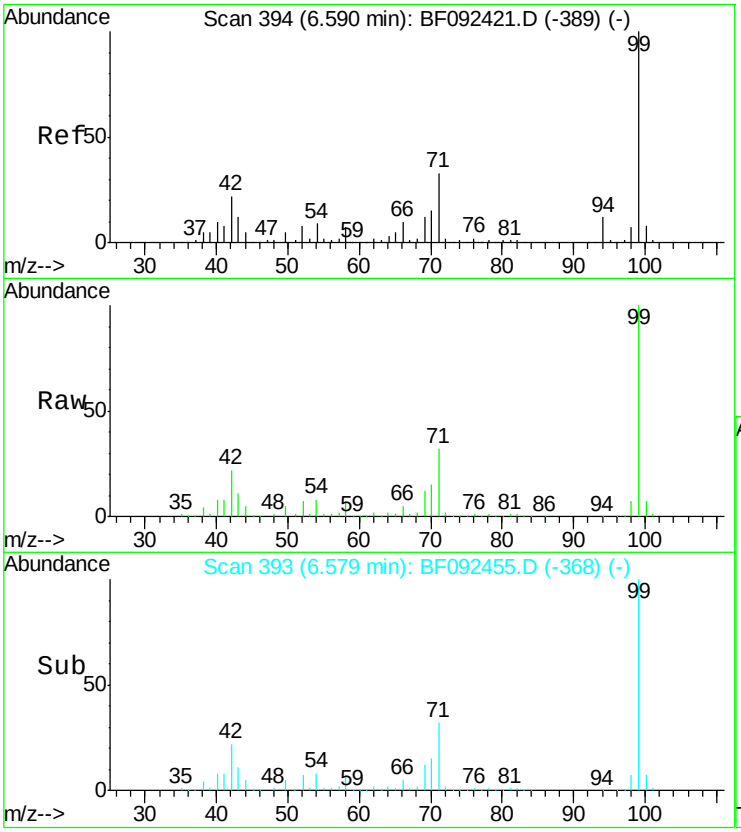


#5
2-Fluorophenol
Concen: 63.56 ng
RT: 5.55 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:112 Resp: 636037

Ion	Ratio	Lower	Upper
112	100		
64	73.8	46.1	69.1#
63	37.2	23.8	35.6#



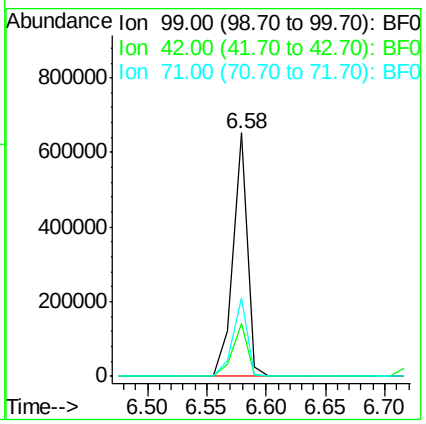


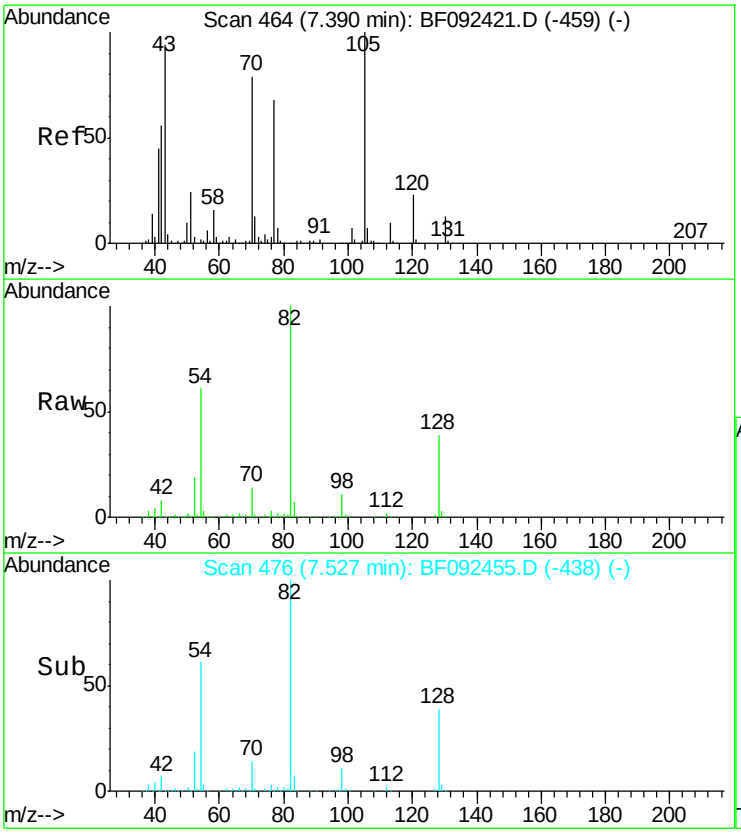
#7
Phenol-d6
Concen: 43.12 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion: 99 Resp: 549577

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	32.4	27.5	41.3

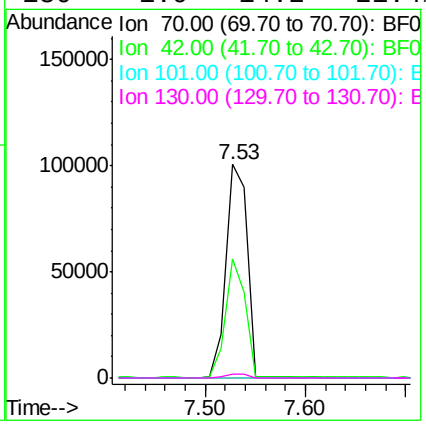


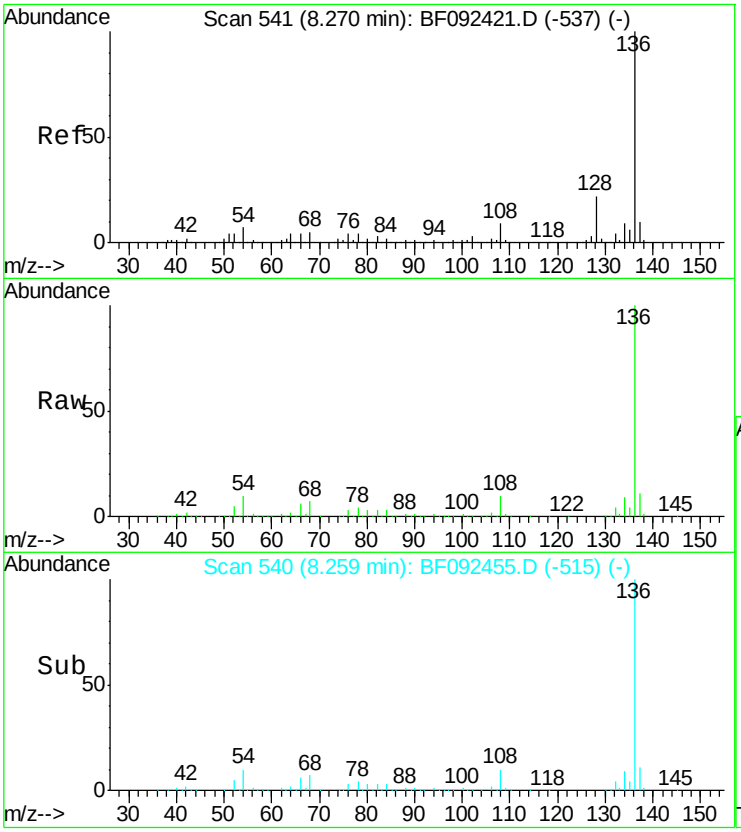


#19
n-Nitroso-di-n-propylamine
Concen: 16.92 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion: 70 Resp: 146831

Ion	Ratio	Lower	Upper
70	100		
42	55.6	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



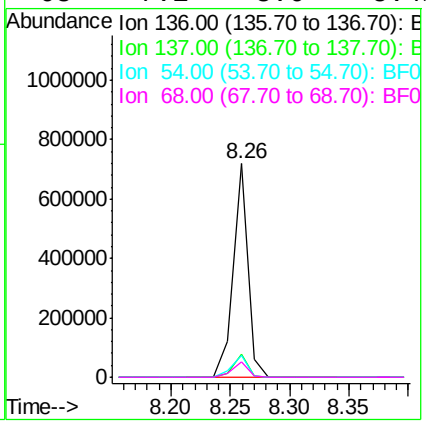


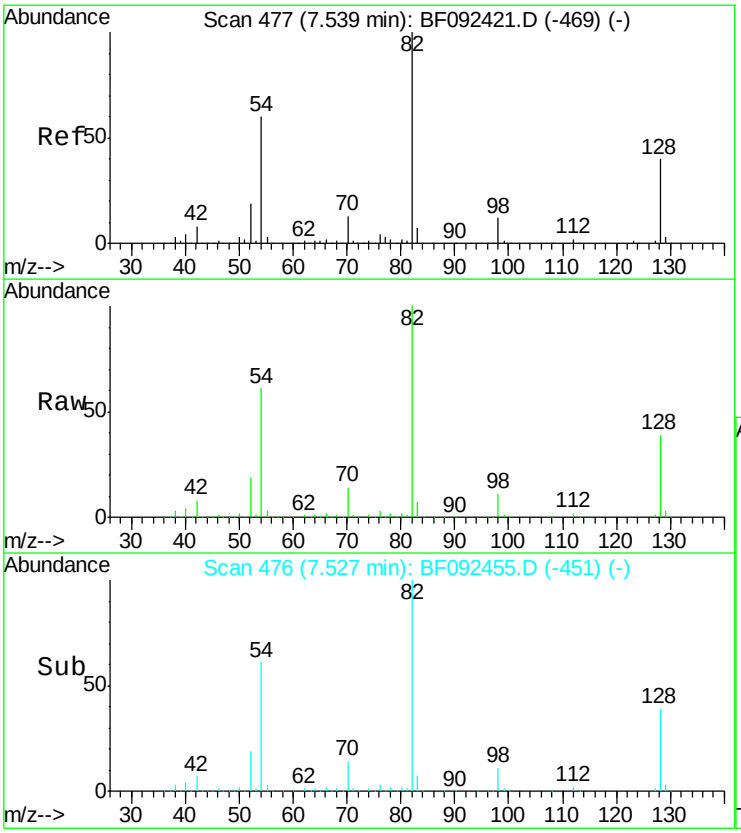
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:136 Resp: 618865

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.4	4.5	6.7#
68	7.1	3.6	5.4#

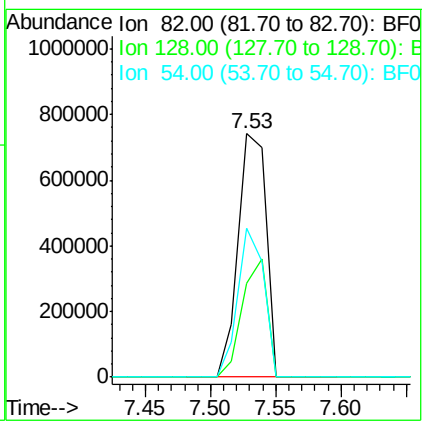


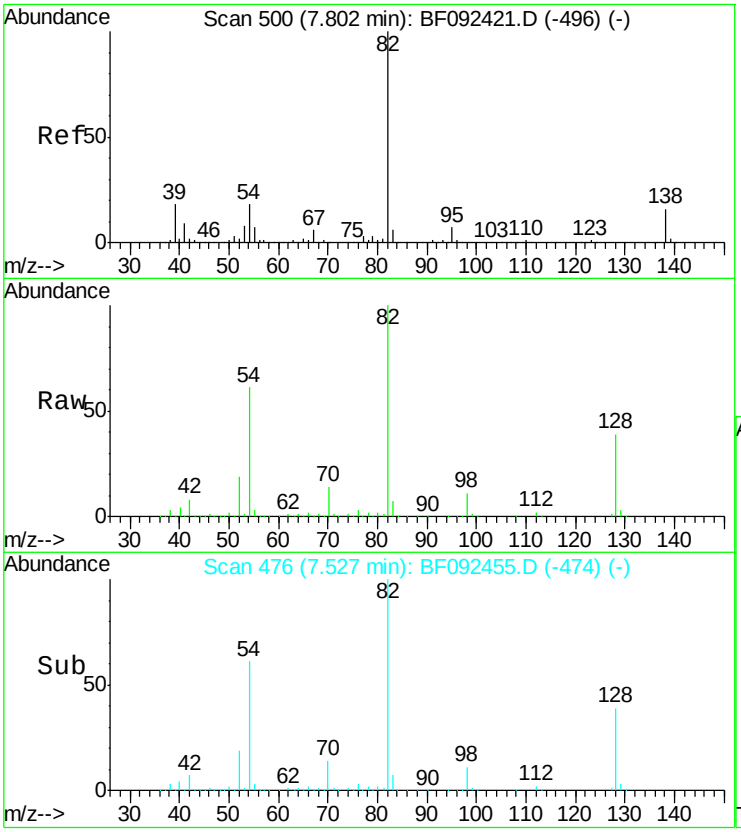


#23
Nitrobenzene-d5
Concen: 97.35 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion: 82 Resp: 1102937

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.6	52.0
54	61.1	39.5	59.3#



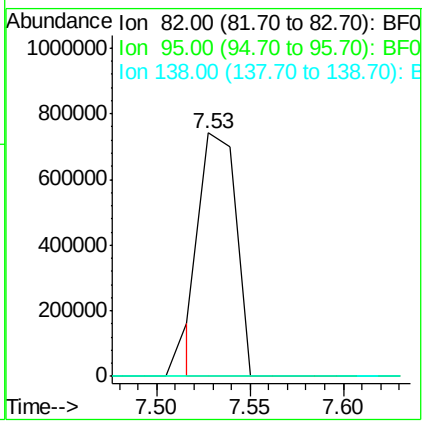


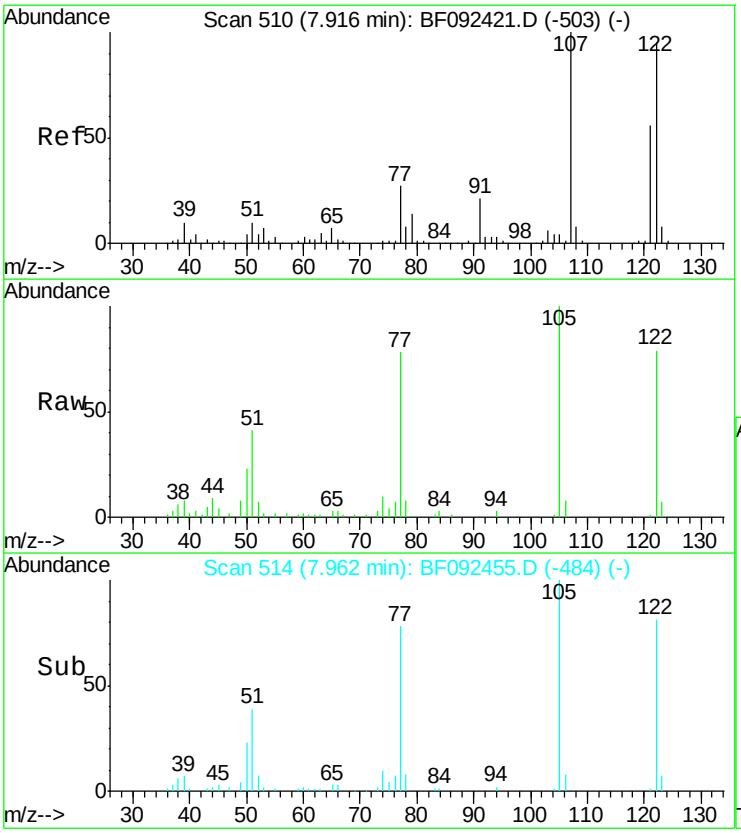
#25
Isophorone
Concen: 44.38 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion: 82 Resp: 990806

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

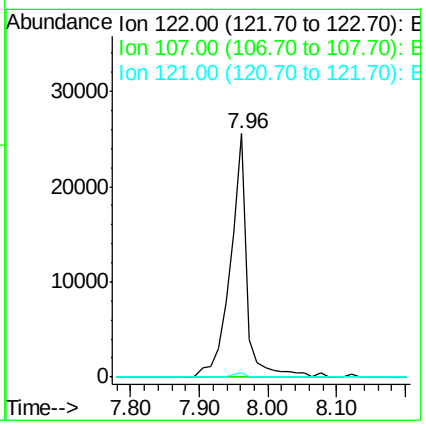


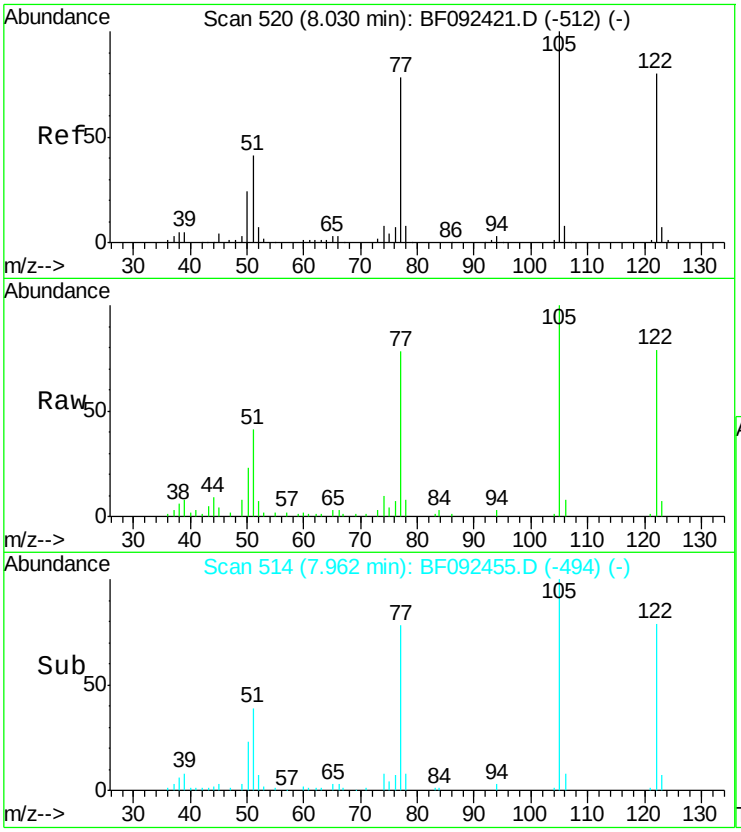


#27
2,4-Dimethylphenol
Concen: 4.19 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.05 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:122 Resp: 43380

Ion	Ratio	Lower	Upper
122	100		
107	0.0	94.1	141.1#
121	1.6	46.0	69.0#



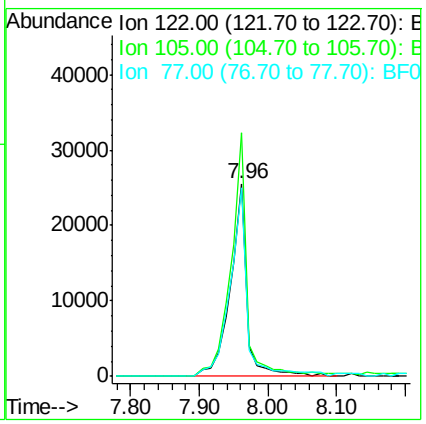


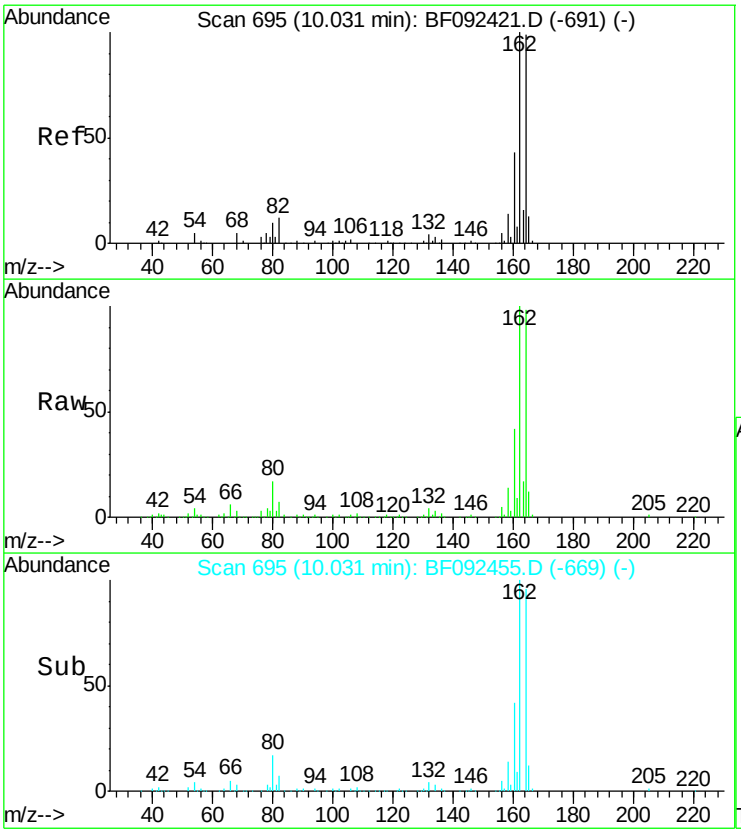
#32
Benzoic acid
Concen: 9.76 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:122 Resp: 43380

Ion	Ratio	Lower	Upper
122	100		
105	126.2	107.2	147.2
77	98.1	74.5	114.5

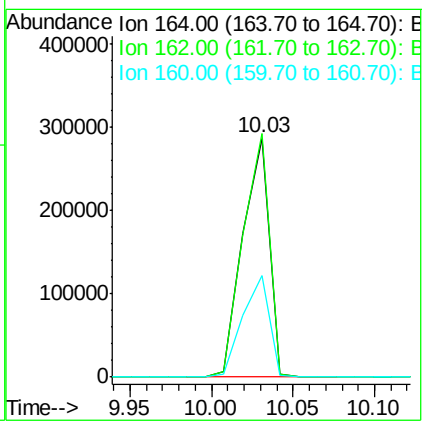


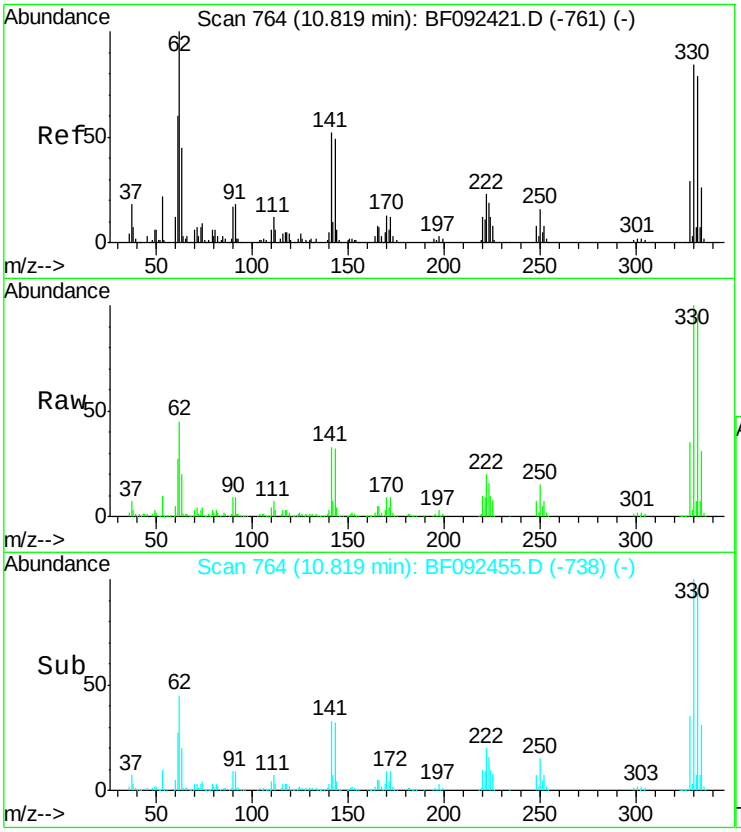


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:164 Resp: 321311

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	42.6	36.9	55.3



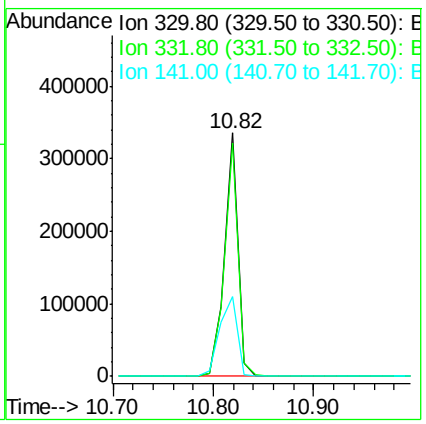


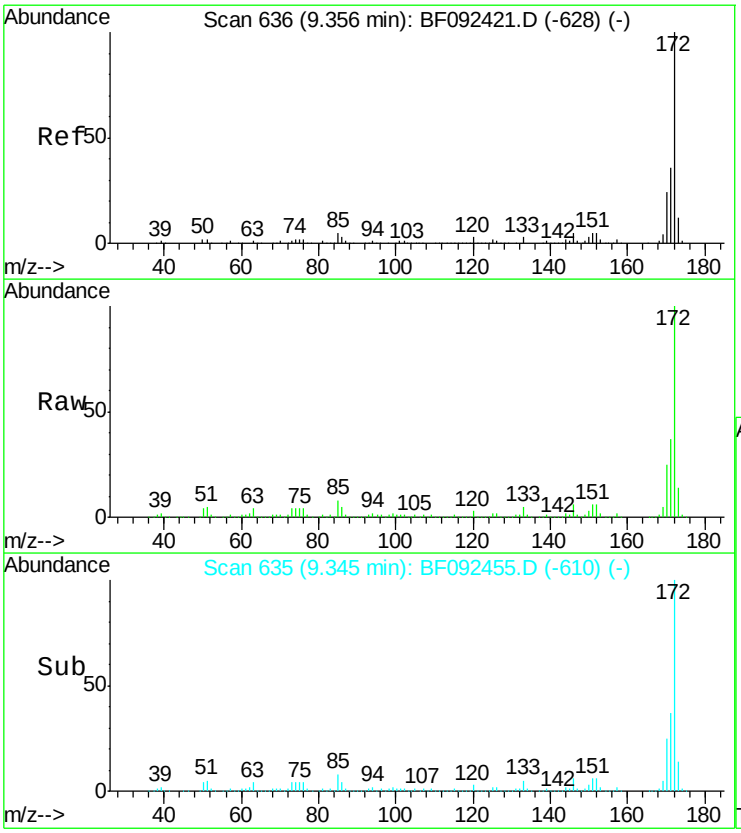
#41
2,4,6-Tribromophenol
Concen: 143.52 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:330 Resp: 314259

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	42.7	34.1	51.1

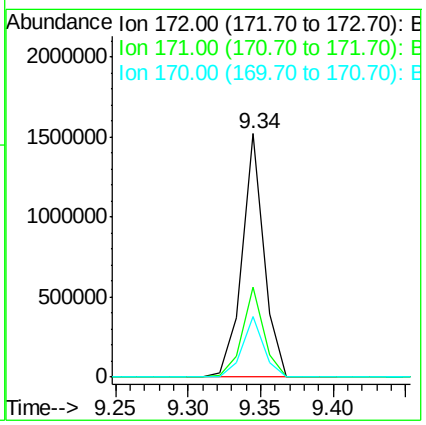


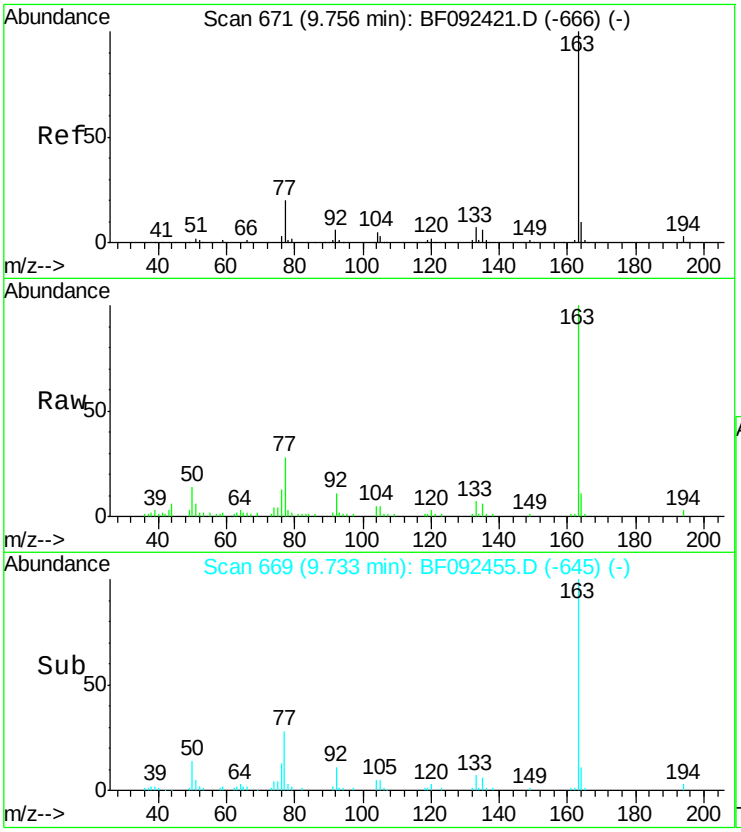


#44
2-Fluorobiphenyl
Concen: 91.58 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:172 Resp: 1591244

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.6	20.2	30.4



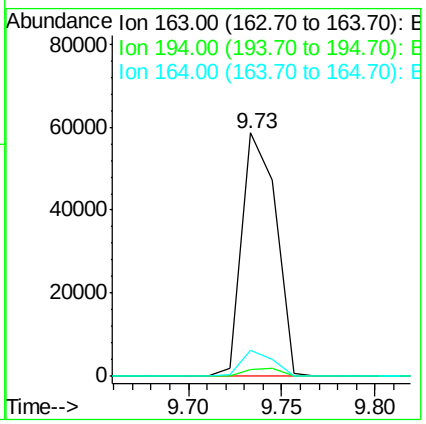


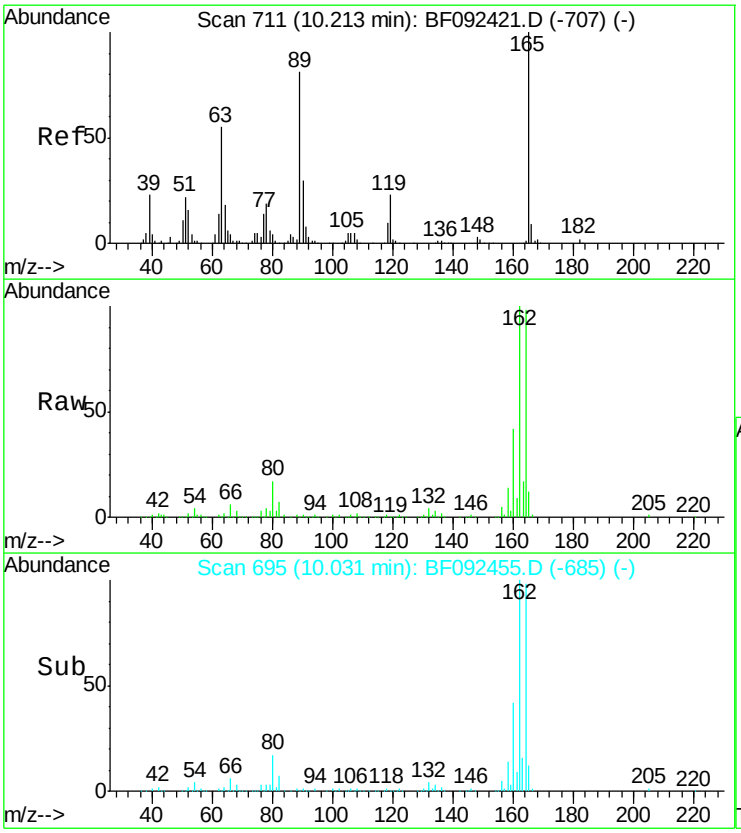
#49
Dimethylphthalate
Concen: 3.64 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:163 Resp: 74343

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.7	8.0	12.0

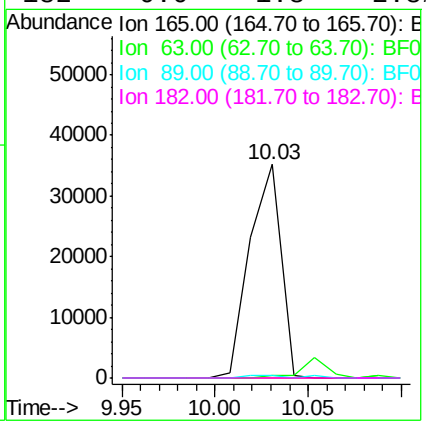


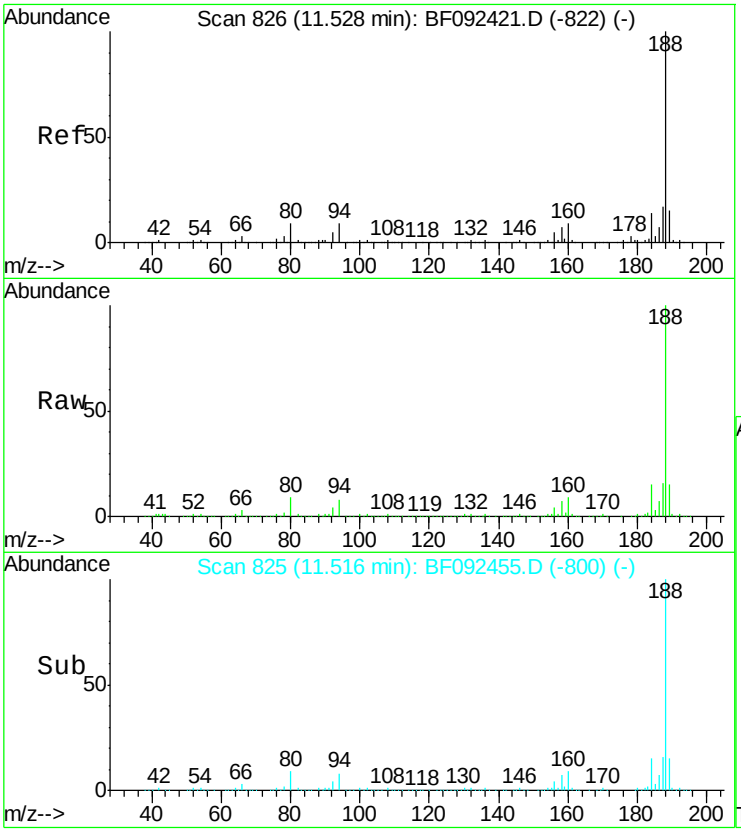


#56
2,4-Dinitrotoluene
Concen: 7.40 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:165 Resp: 41024

Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



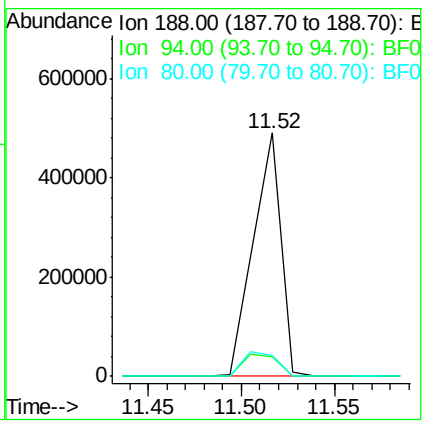


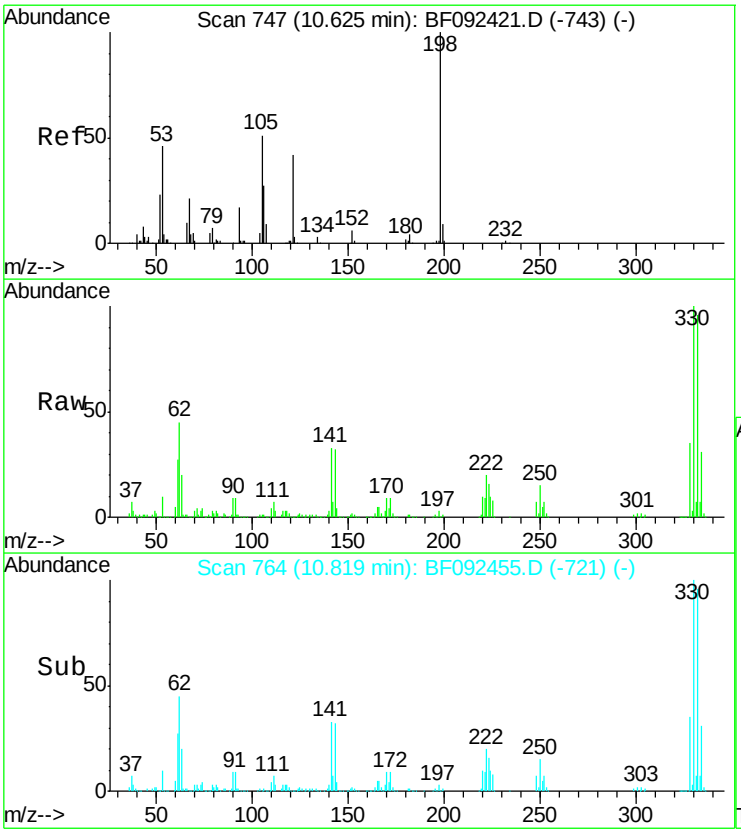
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:188 Resp: 511011

Ion	Ratio	Lower	Upper
188	100		
94	8.3	10.0	15.0#
80	8.6	11.2	16.8#

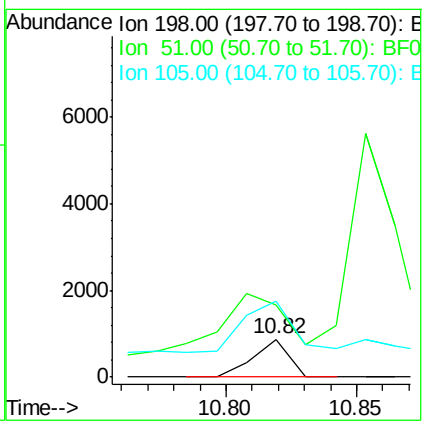


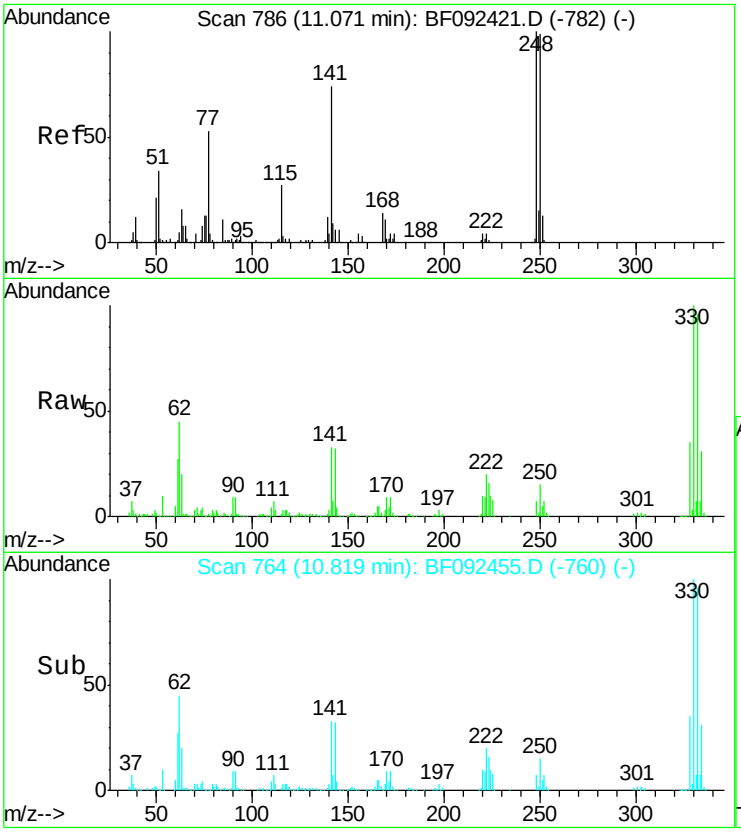


#64
4,6-Dinitro-2-methylphenol
Concen: 5.22 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:198 Resp: 824

Ion	Ratio	Lower	Upper
198	100		
51	191.2	6.7	46.7#
105	200.1	16.6	56.6#



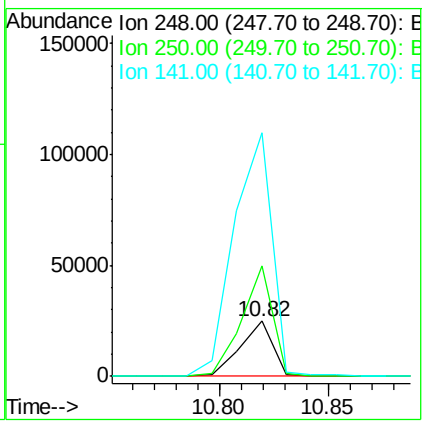


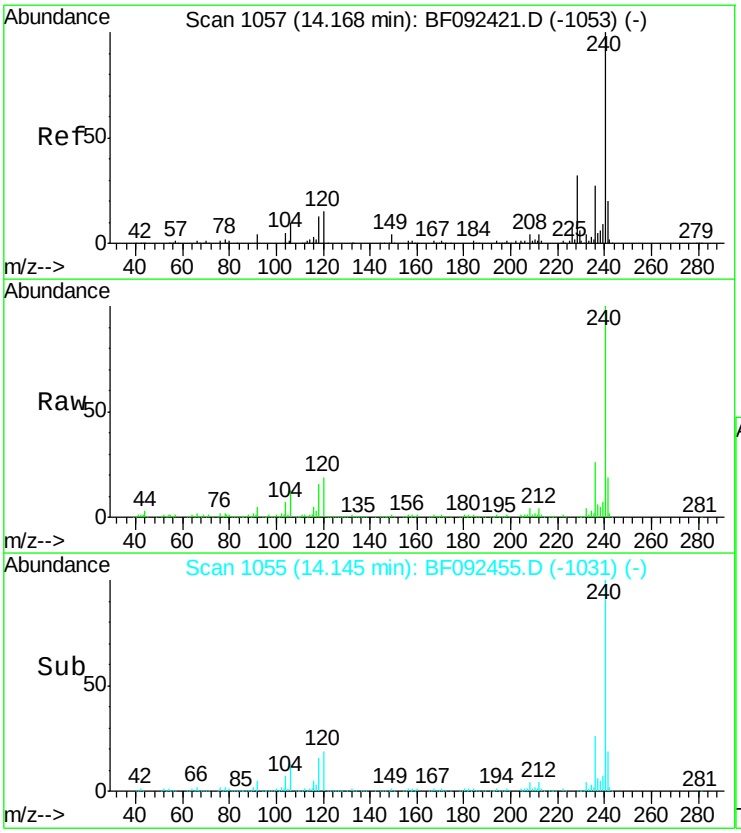
#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

Tgt Ion:248 Resp: 25285

Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.9	115.3#
141	442.4	68.2	102.4#

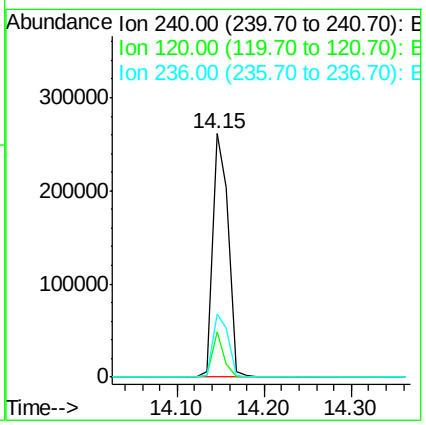


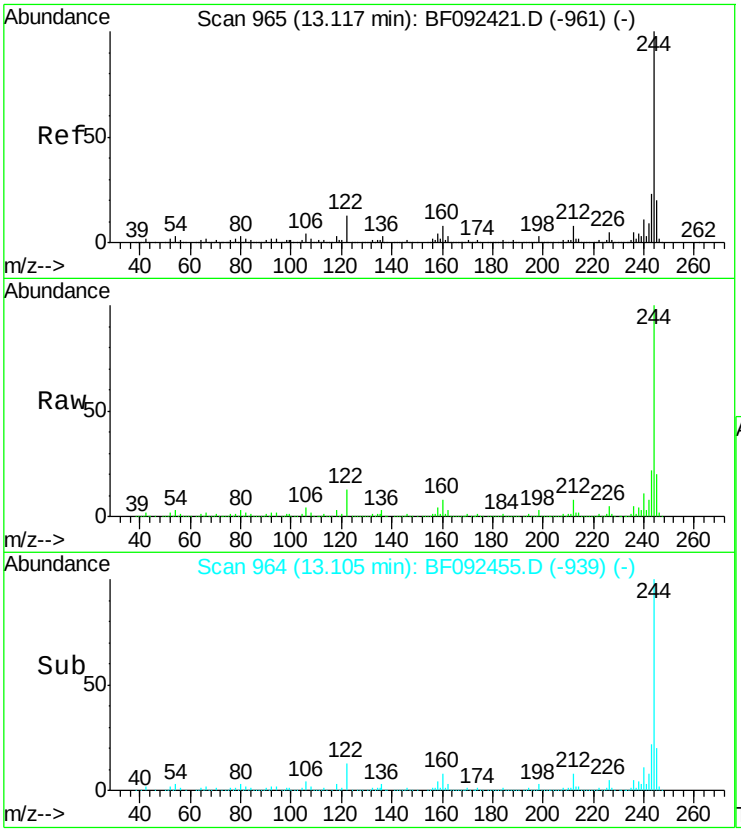


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:240 Resp: 331322

Ion	Ratio	Lower	Upper
240	100		
120	18.6	12.9	19.3
236	25.7	20.9	31.3



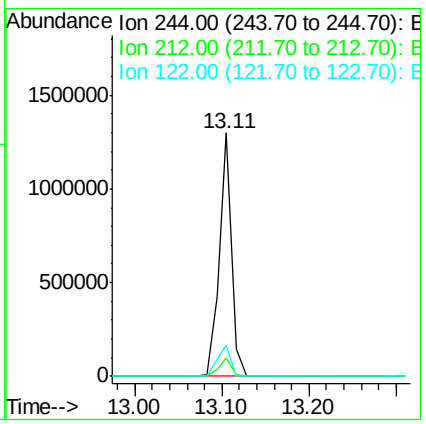


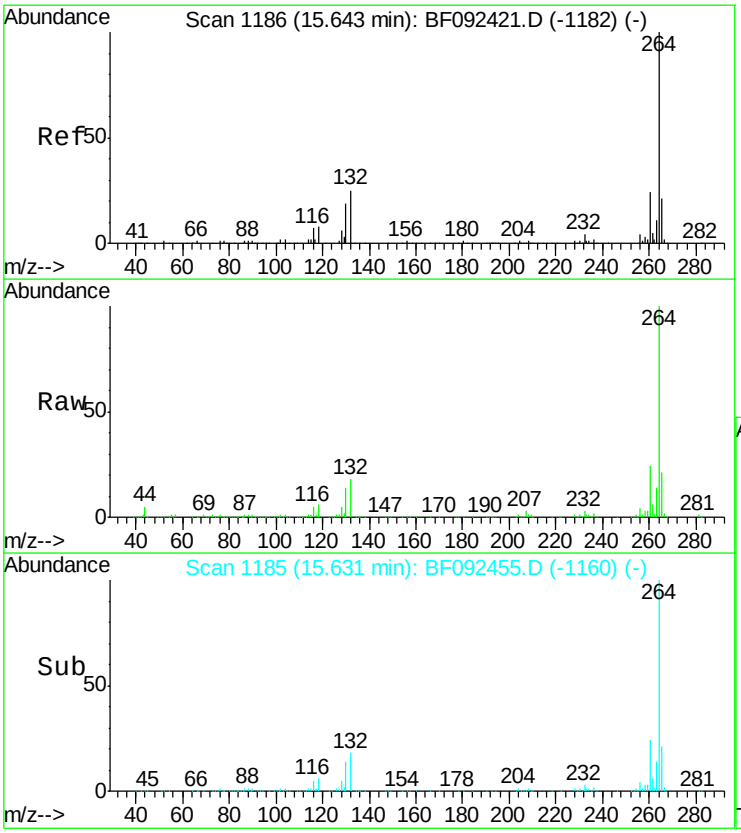
#78
Terphenyl-d14
Concen: 104.36 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Instrument :
BNA_F
ClientSampleId :
W-25

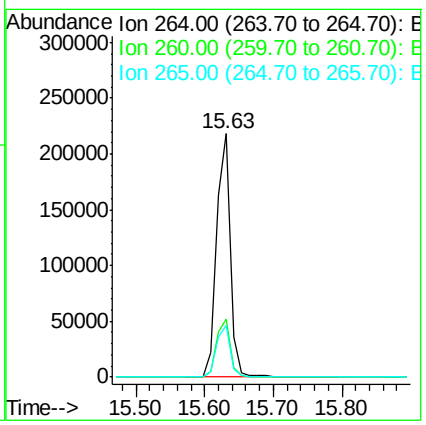
Tgt Ion:244 Resp: 1298438

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092455.D
Acq: 25 Jan 2017 3:20

Tgt Ion:264 Resp: 309526

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.4	26.0